

## Storm Data and Unusual Weather Phenomena - December 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GULF OF MEXICO</b>				
<b>LAKE PONCHARTRAIN AND LAKE MAUREPAS COUNTY --- MID LAKE PONTCHARTRAIN [30.15, -90.13]</b>				
	12/08/09 01:37 CST		0	Marine Thunderstorm Wind (MG 59 kt)
	12/08/09 01:37 CST		0	Source: Mesonet
Wind gust to 68 mph measured at mid Lake Pontchartrain.				
<b>LAKE PONCHARTRAIN AND LAKE MAUREPAS COUNTY --- LKFRNT ARPT NEW [30.05, -90.03]</b>				
	12/08/09 02:12 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	12/08/09 02:12 CST		0	Source: ASOS
Strong to severe thunderstorms moved across the marine area.				
<b>SW PASS OF THE MS R TO ATCHAFALAYA R LA OUT 20NM COUNTY --- TIMBALIER ISLAND [29.08, -90.48]</b>				
	12/24/09 12:00 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	12/24/09 12:00 CST		0	Source: C-MAN Station
<b>LAKE PONCHARTRAIN AND LAKE MAUREPAS COUNTY --- LKFRNT ARPT NEW [30.05, -90.03]</b>				
	12/24/09 13:13 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	12/24/09 13:13 CST		0	Source: ASOS
<b>PASCAGOULA MS TO SW PASS OF MS R OUT 20NM COUNTY --- 29.0 E VENICE [29.28, -88.89]</b>				
	12/24/09 15:56 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	12/24/09 15:56 CST		0	Source: Mariner
Scattered strong to severe thunderstorms affected the coastal waters of southeast Louisiana and Mississippi as a strong upper level storm system and an associated cold front moved across the lower Mississippi Valley and central Gulf Coast region.				
<b>LOUISIANA, Southeast</b>				
<b>(LA-Z034) POINTE COUPEE, (LA-Z035) WEST FELICIANA, (LA-Z036) EAST FELICIANA, (LA-Z037) ST. HELENA, (LA-Z038) TANGIPAHOA, (LA-Z039) WASHINGTON, (LA-Z040) ST. TAMMANY, (LA-Z047) WEST BATON ROUGE, (LA-Z048) EAST BATON ROUGE, (LA-Z050) LIVINGSTON</b>				
	12/04/09 17:30 CST		0	Winter Storm
	12/05/09 02:00 CST		0	
Rain changed to snow across sections of southeast Louisiana to the north and northwest of Lake Pontchartrain as cold air worked its way into the region as an area of low pressure moved east across the northern Gulf of Mexico and a strong upper level disturbance moved across the Gulf Coast states. A swath of snow ranging in depth between one half to two inches fell across that area of southeast Louisiana along and to the north of the Intersate 10 and 12 corridor.				
<b>JEFFERSON COUNTY --- 1.0 E KENNER [29.98, -90.21]</b>				
	12/08/09 01:45 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/08/09 01:45 CST		0	Source: NWS Storm Survey
Thunderstorm winds damaged a few roofs, fence and several small trees.				
<b>ASSUMPTION COUNTY --- 1.0 N BELLE ROSE [30.06, -91.05], NAPOLEONVILLE [29.93, -91.03], 10.0 W NAPOLEONVILLE [29.93, -91.20], 10.0 W PAINCOURTVILLE [29.98, -91.24]</b>				
	12/08/09 02:30 CST		0.50M	Flash Flood (due to Heavy Rain)
	12/08/09 08:00 CST		0	Source: Emergency Manager
Heavy rainfall during the early morning hours overwhelmed local drainage with numerous houses and business reported flooded. 275 hours and 5 business were flooded with 50 of those houses reporting majore flooding. Hardest hit communities were Belle Rose, Paincourtville, and Pierre Part. 7.61 inches of rain was recorded at the emergency operations center in Napoleonville.				
<b>ST. JAMES COUNTY --- 4.0 N UNION [30.14, -90.90], 5.0 N GRAMERCY [30.12, -90.70], 5.0 S VACHERIE [29.93, -90.72], 5.0 S UNION [30.01, -90.90]</b>				

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	12/08/09 03:00 CST		15K	Flash Flood (due to Heavy Rain)
	12/08/09 08:00 CST		0	Source: Emergency Manager
<p>Heavy rainfall of 4 to 7 inches overwhelmed local drainage and resulted in widespread street flooding and water entering buildings in the parish. A NWS cooperative observer reported 6.61 inches of rain.</p>				
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<b>ST. JOHN THE BAPTIST COUNTY --- 3.0 NW GARYVILLE [30.08, -90.66], 2.0 NNE LA PLACE [30.10, -90.47], 7.0 S LA PLACE [29.97, -90.48], 8.0 SSW GARYVILLE [29.94, -90.67]</b>				
	12/08/09 03:00 CST		75K	Flash Flood (due to Heavy Rain)
	12/08/09 08:00 CST		0	Source: Emergency Manager
<p>Heavy rainfall estimated between 4 to 7 inches during the morning hours caused widespread street flooding and water entering some homes. Between 15 and 20 houses had minor flooding.</p>				
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<b>ST. TAMMANY COUNTY --- SLIDELL [30.27, -89.78]</b>				
	12/08/09 04:00 CST		0	Heavy Rain
	12/08/09 10:00 CST		0	Source: Emergency Manager
<p>Widespread street flooding occurred as a result of heavy rainfall. Nearly 7 inches of rainfall occurred in Slidell.</p>				
<p><b>An area of rain and thunderstorms moved across extreme southeast Louisiana from near Assumption Parish to Lake Pontchartrain and the New Orleans area. Heavy rainfall of 3 to 8 inches fell during the overnight and morning hours.</b></p>				
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<b>ST. CHARLES COUNTY --- 5.0 E LA BRANCH [30.05, -90.29], 1.1 N AMA [29.97, -90.30], 0.5 E MIMOSA PARK [29.92, -90.32], 1.0 SSW DUFRESNE [29.94, -90.38], 0.7 E LA BRANCH [30.05, -90.36]</b>				
	12/12/09 15:45 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 20:00 CST		0	Source: Emergency Manager
<p>Heavy rainfall resulted in widespread and significant street flooding and caused the flooding of a few homes around Destrehan.</p>				
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<b>JEFFERSON COUNTY --- 3.1 NNE METAIRIE [30.02, -90.12], 1.1 SE JEFFERSON [29.96, -90.14], 0.3 W HARAHAHAN [29.93, -90.20], 1.3 S MOISANT ARPT [29.98, -90.27], 2.9 N MOISANT ARPT [30.04, -90.27]</b>				
	12/12/09 16:45 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 20:00 CST		0	Source: Emergency Manager
<p>Heavy rainfall resulted in widespread and significant street flooding throughout northern Jefferson Parish and caused the flooding of some homes on the East Bank.</p>				
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<b>ORLEANS COUNTY --- 2.7 NNE LITTLE WOODS [30.11, -89.91], 2.3 NNE ALGIERS [29.98, -90.03], 1.8 S NEW ORLEANS [29.92, -90.10], 4.8 NW VIEUX CARRE [30.02, -90.14]</b>				
	12/12/09 16:45 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 20:00 CST		0	Source: Newspaper
<p>Heavy rain produced widespread and significant street flooding and caused the flooding of some homes in the Fountainbleu neighborhood. One person drown when he drove into a flooded canal.</p>				
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<b>PLAQUEMINES COUNTY --- BELLE CHASSE [29.87, -89.98], 3.1 ESE DALCOUR [29.79, -89.95], 0.3 E LA REUSSITE [29.70, -89.97], 1.5 NNW AUGUSTA [29.82, -90.04]</b>				
	12/12/09 17:00 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 21:00 CST		0	Source: Law Enforcement
<p>Heavy rainfall resulted in widespread and significant street flooding in northern Plaquemines Parish.</p>				
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<b>ST. BERNARD COUNTY --- CHALMETTE [29.93, -89.97], 1.4 SE MERAUX [29.92, -89.91], 3.4 N ESTOPINAL [29.92, -89.81], 5.5 NE MERAUX [29.98, -89.86], 2.7 N VERSAILLES [29.99, -89.95]</b>				
	12/12/09 18:00 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 22:00 CST		0	Source: NWS Employee
<p>Heavy rainfall resulted in widespread and significant street flooding and caused the flooding of a couple of homes.</p>				
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<b>ST. TAMMANY COUNTY --- 1.8 S BONFOUCA [30.24, -89.85], 1.4 WSW ALTON [30.32, -89.79], 8.0 ENE MC CLANE CITY [30.28, -89.64], 7.8 SE MC CLANE CITY [30.16, -89.69]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/12/09 19:00 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 22:00 CST		0	Source: Law Enforcement

Heavy rainfall resulted in widespread and significant street flooding in the Slidell area.

**Moderate to locally heavy rainfall occurred across sections of the New Orleans metro area as an upper air disturbance acted on deep moisture in place across the Gulf Coast. The rain fell on nearly saturated ground resulting in some flash flooding.**

<b>ASCENSION COUNTY --- GONZALES [30.23, -90.92], 1.7 SSE GONZALES BISHOP ARPT [30.20, -90.84], 1.6 N ACY [30.24, -90.82], 1.1 W LAKE [30.30, -90.87]</b>				
	12/14/09 12:50 CST		0	Flash Flood (due to Heavy Rain)
	12/14/09 22:00 CST		0	Source: Emergency Manager

Heavy rainfall resulted in widespread and significant street flooding in Gonzales and the surrounding areas. Flood waters approached some homes.

<b>LAFOURCHE COUNTY --- 3.0 WNW LOCKPORT [29.66, -90.60], 0.4 SSE GHEENS [29.67, -90.47], 2.3 NE RACELAND JCT [29.77, -90.55], 2.9 NNE LAUREL GROVE [29.86, -90.86], 0.7 S LEIGHTON [29.79, -90.85]</b>				
	12/14/09 19:50 CST		0	Flash Flood (due to Heavy Rain)
	12/15/09 02:00 CST		0	Source: Emergency Manager

Heavy rainfall resulted in widespread and significant street flooding in central and northern Lafourche Parish. Flood waters threatened a number of homes in Thibodaux and Raceland.

<b>TERREBONNE COUNTY --- 0.9 NNW CROZIER [29.54, -90.76], 1.2 ESE PRESQUE ISLE [29.57, -90.63], 3.4 NE HOUMA [29.64, -90.68], 1.7 NW HOLLYWOOD [29.62, -90.79]</b>				
	12/14/09 19:50 CST		0	Flash Flood (due to Heavy Rain)
	12/15/09 02:00 CST		0	Source: Emergency Manager

Heavy rainfall resulted in widespread and significant street flooding in Houma and the surrounding areas. Flood waters threatened a few homes.

<b>ST. CHARLES COUNTY --- DESTREHAN [29.97, -90.38], 1.0 NW PARADIS [29.89, -90.44], 2.2 SSE BOUTTE [29.87, -90.36], 2.0 NNE ST ROSE [29.98, -90.31]</b>				
	12/14/09 21:15 CST		0	Flash Flood (due to Heavy Rain)
	12/15/09 11:00 CST		0	Source: Emergency Manager

Heavy rainfall resulted in widespread street flooding with several roads closed due to high water in the Destrehan, Boutte, and St. Rose areas. In Boutte, 15 homes were flooded and about 100 others were threatened by flood waters.

<b>JEFFERSON COUNTY --- 0.8 WSW SOUTHPORT [29.96, -90.18], 0.9 ESE JEFFERSON [29.97, -90.14], 2.9 NNE METAIRIE [30.02, -90.13], 3.5 NE KENNER [30.02, -90.20]</b>				
	12/14/09 23:20 CST		0	Flash Flood (due to Heavy Rain)
	12/15/09 08:00 CST		0	Source: Emergency Manager

Heavy rain resulted in widespread street flooding. Sections of Veterans Boulevard were covered by 12 inches of water while areas of Airline Highway were covered by 18 inches of water.

<b>JEFFERSON COUNTY --- 0.4 SW WESTWEGO [29.90, -90.13], 0.2 SSW WESTWEGO [29.90, -90.13]</b>				
	12/15/09 05:20 CST		3K	Tornado (EF0, L: 0.20 mi , W: 20 yd)
	12/15/09 05:23 CST		0	Source: Emergency Manager

A weak tornado briefly touched down near the intersection of West Bank Expressway and Victory Drive resulting in minor damage. The tornado snapped large tree limbs, broke off two power poles, and knocked down power lines along West Bank Expressway.

<b>JEFFERSON COUNTY --- WESTWEGO [29.90, -90.13]</b>				
	12/15/09 05:27 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/15/09 05:27 CST		0	Source: Emergency Manager

Thunderstorm winds knocked down powerlines.

**Widespread heavy rain fell on saturated ground across areas of southeast Louisiana, primarily to the south and southwest and Lake Pontchartrain. Isolated severe weather also occurred with some of the thunderstorms. The heavy rain and severe weather resulted from a series of upper level disturbances moving across the region in combination with a stationary frontal boundary draped across the area.**

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<b>EAST BATON ROUGE COUNTY --- BATON ROUGE [30.47, -91.17]</b>				
	12/24/09 10:54 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/24/09 10:54 CST		0	Source: Broadcast Media
Thunderstorm winds knocked down a few trees in the vicinity of O'Neil Lane and South Harels Road.				
<b>Scattered strong to severe thunderstorms affected southeast Louisiana as a strong upper level storm system and an associated cold front moved across the lower Mississippi Valley and central Gulf Coast region.</b>				
<b>MISSISSIPPI, South</b>				
<b>(MS-Z080) HANCOCK</b>				
	12/01/09 23:00 CST		0	Coastal Flood
	12/02/09 04:00 CST		0	
<b>A strong pressure gradient, resulting from low pressure moving across the northwest Gulf of Mexico and high pressure over the eastern United states, produced a period of strong onshore winds which caused minor coastal flooding in sections of Hancock County.</b>				
<b>(MS-Z068) WILKINSON, (MS-Z069) AMITE, (MS-Z070) PIKE, (MS-Z071) WALTHALL, (MS-Z077) PEARL RIVER</b>				
	12/04/09 17:30 CST		0	Winter Storm
	12/05/09 02:00 CST		0	
<b>Rain changed to snow across sections of southwest and south Mississippi as cold air worked its way into the region as an area of low pressure moved east across the northern Gulf of Mexico and a strong upper level disturbance moved across the Gulf Coast states. A swath of snow ranging in depth between one and three inches fell across the area.</b>				
<b>HANCOCK COUNTY --- WAVELAND [30.28, -89.38], 1.1 SE BAY ST LOUIS [30.31, -89.32], 2.2 WSW DIAMONDHEAD ARPT [30.36, -89.41], 4.2 SW BAY ST LOUIS ARPT [30.32, -89.49], 0.9 E LAKESHORE [30.25, -89.44]</b>				
	12/12/09 21:45 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 23:59 CST		0	Source: Fire Department/Rescue
Heavy rainfall resulted in widespread and significant street flooding in the Waveland and Bay St. Louis areas.				
<b>HARRISON COUNTY --- (BIX)KEESLER AFB BIL [30.40, -88.92], 1.7 E BILOXI [30.40, -88.87], 1.3 NNW D IBERVILLE [30.45, -88.89], 2.5 ESE LORRAINE [30.45, -88.98], 3.7 WNW NORTH GULFPORT [30.43, -89.16], 0.6 SSE DE LISLE [30.37, -89.27], 1.3 SSE HENDERSON PT [30.30, -89.27]</b>				
	12/12/09 21:45 CST		0	Flash Flood (due to Heavy Rain)
	12/12/09 23:59 CST		0	Source: Emergency Manager
Heavy rainfall resulted in widespread and significant street flooding in the Biloxi, Gulfport, D' Iberville, and Pass Christian areas.				
<b>Moderate to locally heavy rainfall occurred across sections of the Mississippi coast as an upper air disturbance acted on deep moisture in place across the Gulf Coast. The rain fell on nearly saturated ground resulting in some flash flooding.</b>				
<b>HARRISON COUNTY --- GULFPORT [30.38, -89.08]</b>				
	12/24/09 15:06 CST		0.75K	Thunderstorm Wind (EG 50 kt)
	12/24/09 15:06 CST		0	Source: Broadcast Media
Thunderstorm winds caused minor damage to a car on Teagarden Road south of Pass Road.				
<b>HARRISON COUNTY --- 2.0 NE BILOXI [30.42, -88.88]</b>				
	12/24/09 15:10 CST		2.50K	Thunderstorm Wind (EG 50 kt)
	12/24/09 15:10 CST		0	Source: Law Enforcement
Thunderstorm winds caused minor damage to shingles on some roofs around the Sunkist Country Club.				
<b>JACKSON COUNTY --- 11.0 NW VANCLEAVE [30.64, -88.81]</b>				
	12/24/09 15:50 CST		2K	Tornado (EF0, L: 0.30 mi , W: 20 yd)
	12/24/09 15:53 CST		0	Source: NWS Employee

A weak tornado briefly touched down knocking down numerous trees along its path.

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Scattered strong to severe thunderstorms affected coastal Mississippi as a strong upper level storm system and an associated cold front moved across the lower Mississippi Valley and central Gulf Coast region.